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## January-December, 1936

#### The Metal Industry Publishing Company, New York

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| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron  *Industrial Material, Rubber—a Vital  *Ingot Metals  Inserts, Tightening  *Institute Annual Meeting, Master Electro- Platers'  *Institute of Metals Division Meeting  Institute of Metals Meeting, British  Institute of Metals Meeting, British  Institute of Metals Meeting, British  Institute, Master Electro-Platers'  *Iron Impurities on the Annealing of High  Brass, The Effect of  Iron, Rapid Electrodeposition of  Iron, Tinning Cast  J  *Japanning, Automatic Lacquering, Enameling and  *Jewelry Manufacture Job Plating, How to Estimate  *Jobbing Electroplating Industry  K  Key Heads, Soldering   | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>136<br>385<br>214<br>333<br>302<br>304   | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Secondary Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals Week, National Method for Preparing Deliquescent Tin Dross Samples, A Suggested Method of Measuring Electroplates, A New Method of Measuring Electroplates, A New Method for Determining the Thickness of Zinc Coatings Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N N N Name Plates, Aluminum National Metal Congress National Metals Week Navy Identification Discs, Army and Newark Platers Hold Open Meeting Nickel Nickel Alloys, Plating Rhenium and Rhenium Nickel and Its Non-Ferrous Alloys Nickel, Casting Pure   | 136<br>385<br>11<br>167B<br>177<br>224<br>369<br>387<br>338<br>258<br>387<br>173<br>3<br>437<br>61<br>138<br>389<br>327<br>417<br>369<br>181<br>180<br>6<br>176<br>42<br>257 | Q QQ-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recommended Practices for Sand Cast Magnesium Alloys  *Recowering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Silver  *Rectifiers to Supply Current for Plating, Metal Refining Cadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Rolling, Brass   | 2888 2222<br>3022 127<br>4711 444 221<br>261 216 231 181<br>183 216 217 17 17 17 17 17 17 17 17 17 17 17 17 1  |
| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron  *Industrial Material, Rubber—a Vital  *Ingot Metals Inserts, Tightening  *Institute Annual Meeting, Master Electro-Platers'  *Institute of Metals Division Meeting Institute of Metals Meeting, British Institute of Metals Meeting, British Institute, Master Electro-Platers'  *Iron Impurities on the Annealing of High Brass, The Effect of Iron, Rapid Electrodeposition of Iron, Tinning Cast  J  *Japanning, Automatic Lacquering, Enameling and  *Jewelry Manufacture Job Plating, How to Estimate  *Jobbing Electroplating Industry  K   | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>136<br>385<br>214<br>333<br>302<br>304   | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Secondary Metals, Secondary Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals Week, National Method for Preparing Deliquescent Tin Dross Samples, A Suggested Method of Measuring Electroplates, A New Method of Measuring Electroplates, A New Method for Determining the Thickness of Zinc Coatings Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N N Navy Identification Discs, Army and Newark Platers Hold Open Meeting Nickel Nickel Alloys, Plating Rhenium and Rhenium Nickel and Its Non-Ferrous Alloys Nickel, Casting Pure Nickel, In Brass Foundry Practice   | 136 385 11 167B 177 224 369 387 338 258 387 173 3 437 61 138 389 327 417 369 181 180 6 1766 42 257 294 3300  | Q QO-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recommended Practices for Sand Cast Magnesium Alloys  *Recovering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Silver  *Rectifiers to Supply Current for Plating, Metal Refining Cadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Rolling, Brass  *Round Wire, Electrogalvanizing  *Rubber—a Vital Industrial Material  S Salts, Metal Content of Plating  | 28882222<br>3022<br>1277<br>4711<br>4440<br>2211<br>261<br>2143<br>433<br>2111<br>181<br>181<br>143<br>2177<br>177<br>177<br>187<br>187<br>187<br>187<br>187<br>187<br>187   |
| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron  *Industrial Material, Rubber—a Vital  *Ingot Metals  Inserts, Tightening  *Institute Annual Meeting, Master Electro- Platers'  *Institute of Metals Division Meeting  Institute of Metals Meeting, British  Institute of Metals Meeting, British  Institute of Metals Meeting, British  Institute, Master Electro-Platers'  *Iron Impurities on the Annealing of High  Brass, The Effect of  Iron, Rapid Electrodeposition of  Iron, Tinning Cast  J  *Japanning, Automatic Lacquering, Enameling and  *Jewelry Manufacture Job Plating, How to Estimate  *Jobbing Electroplating Industry  K  Key Heads, Soldering  L  Labor Cost of Finishing Operations, Direct.   | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>136<br>385<br>214<br>333<br>302<br>304<br>247<br>7<br>225<br>10  | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Secondary Metals, Specifications for Metals Week, National Metals Week, National Metals Week, National Method for Preparing Deliquescent Tin Dross Samples, A Suggested Method of Measuring Electroplates, A New Method, Plating by the Amperehour Meter Methods for Determining the Thickness of Zinc Coatings Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N N Name Plates, Aluminum National Metal Congress National Metals Week Navy Identification Discs, Army and Newark Platers Hold Open Meeting Nickel Nickel Alloys, Plating Rhenium and Rhenium Nickel, Casting Pure Nickel in Brass Foundry Practice Nickel Plating Rnought Unito Date  | 136 385 11 167B 177 224 369 387 338 258 387 173 3 437 61 138 389 327 417 369 181 180 6 176 42 257 294 330 298  | Q QO-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recommended Practices for Sand Cast Magnesium Alloys  *Recovering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Silver  *Rectifiers to Supply Current for Plating, Metal  Refining Cadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Rolling, Brass  *Round Wire, Electrogalvanizing  *Rubber—a Vital Industrial Material  S Salts, Metal Content of Plating Samples, A Suggested Method for Preparing Deliquescent Tin Dross  | 2888 222 302 127 471 4440 2161 433 1181 181 181 181 181 181 181 181 181  |
| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron  *Industrial Material, Rubber—a Vital  *Ingot Metals Inserts, Tightening  *Institute Annual Meeting, Master Electro- Platers'  *Institute of Metals Division Meeting Institute of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals Meeting, British Institute, Master Electro-Platers'  *Iron Impurities on the Annealing of High Brass, The Effect of Iron, Rapid Electrodeposition of Iron, Tinning Cast  J  *Japanning, Automatic Lacquering, Enameling and  *Jewelry Manufacture Job Plating, How to Estimate  *Jobbing Electroplating Industry  *K  Key Heads, Soldering  *L  Labor Cost of Finishing Operations, Direct.  *Lacquering, Enameling and Japanning, Automatic  | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>136<br>385<br>214<br>333<br>302<br>304<br>247<br>7<br>225<br>10  | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Secondary Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals Week, National Metals Week, National Metals Week, National Method for Preparing Deliquescent Tin Dross Samples, A Suggested Method of Measuring Electroplates, A New Method of Measuring Electroplates, A New Method of Measuring Electroplates, A New Method for Determining the Thickness of Zinc Coatings Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N N N Name Plates, Aluminum National Metal Congress National Metals Week Navy Identification Discs, Army and Newark Platers Hold Open Meeting Nickel Nickel Alloys, Plating Rhenium and Rhenium Nickel and Its Non-Ferrous Alloys Nickel, Casting Pure Nickel in Brass Foundry Practice Nickel Plating Brought Up-to-Date Nickel Solution, Soft Non-Ferrous Alloys, Nickel and Its   | 136 385 11 167B 177 224 369 387 338 258 387 173 3 437 61 138 389 327 417 369 181 180 6 1766 42 257 294 3300 298 440 42   | Q QO-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recommended Practices for Sand Cast Magnesium Alloys  *Recowering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Silver  *Rectifiers to Supply Current for Plating, Metal Refining Cadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Rolling, Brass  *Round Wire, Electrogalvanizing  *Rubber—a Vital Industrial Material  S Salts, Metal Content of Plating Samples, A Suggested Method for Preparing Deliquescent Tin Dross  *Sand Cast Magnesium Alloys, Recommended Practices for  426.   | 288 222 302 127 471 4400 421 221 261 433 114 477 161 4 |
| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron *Industrial Material, Rubber—a Vital *Ingot Metals Inserts, Tightening *Institute Annual Meeting, Master Electro- Platers *Institute of Metals Division Meeting Institute of Metals Meeting, British Institute of Metals Meeting, British Institute, Master Electro-Platers *Iron Impurities on the Annealing of High Brass, The Effect of Iron, Rapid Electrodeposition of Iron, Tinning Cast  J  *Japanning, Automatic Lacquering, Enameling and *Jewelry Manufacture Job Plating, How to Estimate *Jobbing Electroplating Industry  K  Key Heads, Soldering  L  Labor Cost of Finishing Operations, Direct *Lacquering, Enameling and Japanning, Automatic *Lead *L | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>1365<br>2214<br>333<br>302<br>304<br>247<br>7<br>2255<br>10<br>253   | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Secondary Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals Week, National "Meter Method, Plating by the Amperehour Method for Preparing Deliquescent Tin Dross Samples, A Suggested "Method of Measuring Electroplates, A New "Method, Plating by the Amperehour Meter "Method of Measuring Electroplates, A New "Method, Plating by the Amperehour Meter "Method for Determining the Thickness of Zinc Coatings "Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N "Name Plates, Aluminum "National Metal Congress "National Metal Congress "National Metals Week Navy Identification Discs, Army and Newark Platers Hold Open Meeting "Nickel Nickel Alloys, Plating Rhenium and Rhenium— "Nickel and Its Non-Ferrous Alloys Nickel, Casting Pure Nickel, Casting Pure Nickel in Brass Foundry Practice "Nickel Plating Brought Up-to-Date Nickel Solution, Soft "Non-Ferrous Alloys, Nickel and Its Non-Ferrous Metals, Exposure Tests of Plating on | 136 385 11 167B 177 224 369 387 338 258 387 173 3 437 61 138 389 327 417 369 181 180 6 176 42 257 294 330 298 440 42   | Q QO-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recowering Copper and Zinc from Brass Recovering Copper and Zinc from Plating, Metal Refining Cadmium Refining Cadmium Refining Silver  *Rectifiers to Supply Current for Plating, Metal Refining Gadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Round Wire, Electrogalvanizing  *Round Wire | 2888 222 3022 127 471 440 221 261 216 433 183 184 433 210 477 131 14 477 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17  |
| *Improvements in the Metal and Plating Industries in 1935  *Impurities on the Annealing of High Brass, The Effect of Iron  *Industrial Material, Rubber—a Vital  *Ingot Metals Inserts, Tightening  *Institute Annual Meeting, Master Electro- Platers'  *Institute of Metals Division Meeting Institute of Metals Meeting, British Institute of Metals Meeting, British Institute, Master Electro-Platers'  *Iron Impurities on the Annealing of High Brass, The Effect of Iron, Rapid Electrodeposition of Iron, Tinning Cast   *Japanning, Automatic Lacquering, Enameling and  *Jewelry Manufacture Job Plating, How to Estimate  *Jobbing Electroplating Industry   K  Key Heads, Soldering  *L  Labor Cost of Finishing Operations, Direct.  *Lacquering, Enameling and Japanning, Automatic *Lead   | 2<br>333<br>477<br>2<br>341<br>167<br>87<br>136<br>385<br>214<br>333<br>302<br>304<br>247<br>7<br>225<br>10<br>253<br>342<br>247<br>5<br>5<br>292                                  | Metals in Souls, Corrosion of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals Meeting, British Institute of Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals, Specifications for Metals Week, National Metals Week, National Metals Week, National Metals Week, National Method for Preparing Deliquescent Tin Dross Samples, A Suggested Method of Measuring Electroplates, A New Method, Plating by the Amperehour Meter Methods for Determining the Thickness of Zinc Coatings Mill Equipment, Brass Modern Finishes, The Comparative Evaluation of Molding Metal, Slush Molds, Casting in Plaster Motors Win Chromium Plating Patent Suit, General  N  N N Name Plates, Aluminum National Metal Congress National Metals Week Navy Identification Discs, Army and Newark Platers Hold Open Meeting Nickel Nickel Alloys, Plating Rhenium and Rhenium Nickel and Its Non-Ferrous Alloys Nickel, Casting Pure Nickel Casting Pure Nickel Casting Pure Nickel Plating Brought Up-to-Date Nickel Solution, Soft Non-Ferrous Alloys, Nickel and Its Non-Ferrous Metals, Exposure Tests of Plat Non-Ferrous Metals, Exposure Tests of Plat Non-Ferrous Metals, Exposure Tests of Plat     | 136 385 11 167B 177 224 369 387 338 258 387 173 3 437 61 138 389 327 417 369 181 180 6 176 42 257 294 330 298 440 42   | Q QO-B-691 Federal Specification for Bronze Castings, Proposed Revision  *Quality, Testing Plated Products for  R Rapid Electrodeposition of Iron Recommended Practice for Common Aluminum-Copper Alloys  *Recommended Practices for Sand Cast Magnesium Alloys  *Recowering Copper and Zinc from Brass Recovering Copper and Zinc from Brass Recovering Couper and Zinc from Brass Recovering Couper and Zinc from Brass Recovering Silver  *Rectifiers to Supply Current for Plating, Metal  Refining Cadmium Refining Gadmium Refining Silver Amalgam Removing Borax Research Progress, Electroplating Retinning, Cleaning Before Review of 1935—Prospects for 1936 Rhenium and Rhenium-Nickel Alloys, Plating  *Rolling, Brass  *Round Wire, Electrogalvanizing  *Rubber—a Vital Industrial Material  S Salts, Metal Content of Plating Samples, A Suggested Method for Preparing Deliquescent Tin Dross  *Sand Cast Magnesium Alloys, Recommended Practices for 426 Secondary Metals Sheets for Painting, Treatment of Galvanized   | 2888 222 3022 127 4711 446 221 221 127 4711 43 33 33 33 33 33 31 47 13 1 11 1 11   |
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| Scrap Zinc, Refining  | 351<br>443 | *Alloy Goggles, Magnesium Alloy, New Aluminum   | 491<br>192               | Cement, Flexible Polishing Wheel   | 447<br>315       |
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| Steel, Nickel for Cold Rolled<br>Steel, Polishing Stainless                               | 144        | Basic Chemical for Steel Cleaning, New Bath Installation, Automatic Electric Salt                           | 447                      | Copper Base Alloy *Copper Hot Water Alloy  | 401              |
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| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Flux, New 494 Flux, Soldering 270 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 355 *Foundry Flask, Featherweight 24 *Foundry Show, Wheelabrator Line Exhibited at 392 *Foundry Supply House Uses Novel Sales Stimulation 148 *Free" Machining Monel Metal 399 *Furnace, Aluminum Melting 356 *Furnace for Porcelain Enameling 450 *Furnace, New High Temperature Electric 400 Frurnace, New High Temperature Electric 70   | *Korolac as a Protective Coating on Electroplating Rucks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquers, Metallic Lacquers, Metallic Lacquers, Metallic Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Production Automatic Polishing and Buffing Machine Largest Plating Tank, World's *Largest Vulcanizer, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New  | 26<br>191<br>493<br>74<br>1495<br>271<br>495<br>493<br>400<br>147<br>28<br>493<br>404<br>408   | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright *Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Novel  | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Flux, New 494 Flux, Soldering 270 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 355 *Foundry Goating, Protective 354 *Foundry Show, Wheelabrator Line Exhibited at 48 *Foundry Supply House Uses Novel Sales Stimulation 148 *Free" Machining Monel Metal 399 *Furnace, Ajax-Hultgren Heat Treating 311 *Furnace, More Flexible 456 *Furnace, More Flexible 466 *Furnace, Resistor Type Rocking Electric 400 Furnaces, Resistor Type Rocking Electric 488 *Furnaces, Electric 488   | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer  *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquer, Paper Lacquers, Metallic Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Pegreasing Installation *Large Production Automatic Polishing and Buffing Machine Largest Pulcanizer, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New *Linings, Koroseal Tank Liquid Sulphur, Improved   | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>495<br>111<br>356A<br>314<br>403<br>73<br>400<br>400<br>147<br>28<br>493<br>404<br>488<br>493<br>447  | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Oil Safety Device *Oil-Lucasted Uses  O  Oil and Paste, Soluble Grinding *Oil-Lucasted Sleeve Bearings for Roll Necks Oils, New Polymerized Wax Sulphur Bases for Metal Cutting *Optical Pyrometer  | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Flux, New 494 Flux, Soldering 270 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 355 *Foundry Flask, Featherweight 24 *Foundry Show, Wheelabrator Line Exhibited at 399 *Foundry Supply House Uses Novel Sales Stimulation 489 *Furnace, Aluminum Melting 356 *Furnace, Aluminum Melting 356 *Furnace, More Flexible 446 *Furnace, More Flexible 446 *Furnace, Resistor Type Rocking Electric 400 Furnaces, Bench Gas 449 *Furnaces, Electric 488  | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *Laboratory Mixer *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquer, Paper Lacquers, Metallic Lacquers, Metallic Lacquers, Metallic *Large Paper Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Production Automatic Polishing and Buffing Machine Largest Vulcanizer, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New *Linings, Koroseal Tank Liquid Sulphur, Improved Low Temperature Brazing Alloy Sizes, New  | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>495<br>111<br>356A<br>314<br>403<br>73<br>400<br>400<br>147<br>28<br>493<br>404<br>488<br>493<br>447  | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright *Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Novel  | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Elux, New 494 Flux, Soldering 270 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 355 *Foundry Coating, Protective 355 *Foundry Show, Wheelabrator Line Exhibited at 48 *Foundry Supply House Uses Novel Sales Stimulation 489 *Furnace, Ajax-Hultgren Heat Treating 311 *Furnace, Aluminum Melting 356 *Furnace, More Flexible 450 *Furnace, More Flexible 460 *Furnace, Resistor Type Rocking Electric 400 Furnaces, Bench Gas 449 *Furnaces, Electric 408  Galvanized Iron and Also for Non-Spangled Galvanized Iron, Primers for 405 *Gas Furnaces, Bench 449 *Garantine Galvanized Iron, Primers for 405 *Gas Furnaces, Bench 449 *Galvanized Iron, Primers for 449  | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer  *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquer, Paper Lacquers, Metallic Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Pegreasing Installation *Large Production Automatic Polishing and Buffing Machine Largest Pulcanizer, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New *Linings, Koroseal Tank Liquid Sulphur, Improved   | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>495<br>111<br>356A<br>314<br>403<br>73<br>400<br>400<br>147<br>28<br>493<br>404<br>488<br>493<br>447  | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Oil Safety Device *Oil-Lucasted Uses  O  Oil and Paste, Soluble Grinding *Oil-Lucasted Sleeve Bearings for Roll Necks Oils, New Polymerized Wax Sulphur Bases for Metal Cutting *Optical Pyrometer  | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 *Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 *Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 *Flux for Soldering Aluminum, Cast Iron, Etc. 451 *Flux, New 494 *Flux, Soldering Protective 497 *Full Automatic Station Type Descaling Machine 489 *Foundry Coating, Protective 355 *Foundry Coating, Protective 355 *Foundry Show, Wheelabrator Line Exhibited at 45 **Foundry Supply House Uses Novel Sales Stimulation 489 *Furnace, Ajax-Hultgren Heat Treating 311 **Furnace, Aluminum Melting 356 **Furnace, More Flexible 456 **Furnace, More Flexible 466 **Furnace, Resistor Type Rocking Electric 400 **Furnaces, Bench Gas 449 **Furnaces, Electric 405  **Gas Furnaces, Electric 405  **Gas Furnaces, Bench Gas 449 **Gate Valve Body and Wedge Facing Maching Asserting Maching Asserting Maching Asserting Asserting Asserting Maching Asserting Ass | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquers, Metallic Lacquers, Metallic Lacquers, Metallic *Large Paper Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Production Automatic Polishing and Buffing Machine Largest Plating Tank, World's *Latagest Vulcanizer, World's *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Linings, Koroseal Tank Liquid Sulphur, Improved Low Temperature Brazing Alloy Sizes, New  M  *Machine, Abrasive Cut-Off   | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>111<br>312<br>356A<br>314<br>400<br>400<br>400<br>400<br>400<br>404<br>408<br>493<br>447<br>490   | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Novel Safety Device *Novel Safety Device Nozzles for Descaling Service, Improved Spray Nucast 99% plus Nickel Anode, The  O  Oil and Paste, Soluble Grinding *Oil Extrator Oil-Lylicated Sleeve Bearings for Roll Necks Oils, New Polymerized for Metal Cutting *Optical Pyrometer Oven Panel, Insulated  P  *Pail, Flexible Rubber Latex   | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404<br>235<br>312<br>111<br>316   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Flux, New 494 Flux, Soldering 270 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 355 *Foundry Coating, Protective 355 *Foundry Show, Wheelabrator Line Exhibited at 48 *Foundry Supply House Uses Novel Sales Stimulation 148 *Free" Machining Monel Metal 399 *Furnace, Alax-Hultgren Heat Treating 311 *Furnace, Aluminum Melting 356 *Furnace, More Flexible 466 *Furnace, Resistor Type Rocking Electric 400 Furnace, Resistor Type Rocking Electric 400 *Furnaces, Bench Gas 449 *Furnaces, Electric 400  Galvanized Iron and Also for Non-Spangled Galvanized Iron, Primers for 405 *Gas Furnaces, Bench Gas 449 *Gate Valve Body and Wedge Facing Machine 440 *Gate Valve Body and Wedge Facing Machine 440 *Galve Heater, Automatic 313 *Gogele New Safety 463 *Galvanized Iron Safety 366 *Galve New Safety 463 *Galvanized Iron Safety 366 *Galvanized Iron Safety 367 *Gas Furnaces Safety 367 *Galvanized Iron Safety 367 *Galvani | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquer, Paper Lacquers, Metallic Lacquers, Metallic Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Perduction Automatic Polishing and Buffing Machine Largest Plating Tank, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New *Linings, Koroseal Tank Liquid Sulphur, Improved Low Temperature Brazing Alloy Sizes, New  M  *Machine, Abrasive Cut-Off *Machine, Automatic Die Casting   | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>111<br>356A<br>314<br>403<br>73<br>400<br>400<br>147<br>28<br>493<br>404<br>488<br>493<br>407<br>490  | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Novel Safety Device Novel Safety Device Nozeles for Descaling Service, Improved Spray Plucast 99% plus Nickel Anode, The  O Oil and Paste, Soluble Grinding *Oil Extrator *Oil-Lubralented Sleeve Bearings for Roll Necks Oils, New Polymerized Wax Sulphur Bases for Metal Cutting *Optical Pyrometer Oven Panel, Insulated  P  *Pail, Flexible Rubber Latex Paint, Priming Vehicle for Aluminum Panel, Insulated Oven   | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>495<br>234<br>405<br>406<br>148<br>448<br>404<br>235<br>314<br>404<br>235<br>311<br>316   |
| *Flask, Featherweight Foundry 24 *Flexible Furnace, More 446 Flexible Polishing Wheel Cement 447 *Flexible Rubber Latex Pail 493 *Flexible Shafting, New 355 Floors, Acid Resisting 495 *Fluid Strainer, Spray Gun 233 Flux for Soldering Aluminum, Cast Iron, Etc. 451 Flux, New 494 Flux, Soldering 700 *Full Automatic Station Type Descaling Machine 489 Foundry Coating, Protective 356 *Foundry Flask, Featherweight 24 *Foundry Show, Wheelabrator Line Exhibited at 48 *Foundry Supply House Uses Novel Sales Stimulation 148 *Free" Machining Monel Metal 399 *Furnace, Ajax-Hultgren Heat Treating 311 *Furnace, More Flexible 46 *Furnace, More Flexible 46 *Furnace, More Flexible 70 *Furnace, Resistor Type Rocking Electric 400 *Furnace, Resistor Type Rocking Electric 400 *Furnace, Electric 488  *Galvanized Iron and Also for Non-Spangled Galvanized Iron, Primers for 488  *Gase Furnaces, Bench Gas 449 *Furnaces, Electric 313 *Goggle, New Safety 493 *Goggles, Magnesium Alloy 491 *Gorgales 175 Directive 415 *Gorgales 175 Directive 415 *Gorgales 175 Directive 415 *Gorgales 175 Directive 415 *Furnaces 446 *Gorgales 175 Directive 415 *Gorgales 175 Directive 415 *Gorgales 175 Directive 415 *Furnaces 446 *Gorgales 175 Directive 415 *Gorgales | *Korolac as a Protective Coating on Electroplating Racks, Use of Korolac Dipping Tanks *Koroseal Tank Linings  *L  Laboratory Mixer *Laboratory, Modern Porcelain Enamel Lacquer for Aluminum Ware, Heat Resisting Lacquer, Modern Crystal Lacquer, Paper Lacquers, Metallic Lacquers, Metallic Lacquers, New Resins for Cellulose Ester *Large Automatic Die Casting Machine *Large Perduction Automatic Polishing and Buffing Machine Largest Plating Tank, World's *Lathe Grinder, New *Lathe, Variable Speed *Lathes, Polishing and Buffing *Latex Pail, Flexible Rubber Lea String Brush, The Line of Buffing Compositions, New *Linings, Koroseal Tank Liquid Sulphur, Improved Low Temperature Brazing Alloy Sizes, New  M  *Machine, Abrasive Cut-Off *Machine, Automatic Die Casting *Machine, Brass Die Casting  | 26<br>191<br>493<br>74<br>149<br>271<br>495<br>111<br>356A<br>314<br>403<br>73<br>400<br>400<br>147<br>28<br>493<br>404<br>488<br>493<br>407<br>490  | *Necks, Oil-Lubricated Sleeve Bearings for Roll New Flux Nickel and Chromium Solutions, Bright Nickel Anode, The Nucast 99% plus Nickel Pitting, Preventive Nickel Process, New Bright Nickel Solutions, Analytical Set for Boric Acid Content in Non-Ferrous Metals, Bath Salts for Non-Metal Back, Sheet Metal on Non-Spangled Galvanized Iron, Primers for Galvanized Iron and Also for *Novel Safety Device *Novel S | 235<br>494<br>28<br>404<br>272<br>27<br>447<br>493<br>406<br>148<br>448<br>404<br>235<br>312<br>111<br>316   |
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| Unmarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Auto- matic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine   | 489<br>406<br>445<br>400<br>74  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z ne Denosit   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M Maas & Waldstein Co., Newark, N. L.  | 404<br>402<br>270<br>233<br>271<br>355  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport; Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg. Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds   | 489<br>406<br>445<br>400<br>74<br>149   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees. Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Brivht Z ne Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J.,  | 404<br>402<br>270<br>233<br>271<br>355  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing  | 489<br>406<br>445<br>400<br>74<br>149<br>451  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z in Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel   | 404<br>402<br>270<br>233<br>271<br>355  |
| Unmarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copper Products Inc., 4503 Euclid Ave.,   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees. Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Zing Demosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemical Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zing Demosit   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493   |
| Unmarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Auto- matic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Laequer for Aluminum Ware Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Energineers, Inc., Chi-  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanh Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio. "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Zuc Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Meta   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z no Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494  | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Fenamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware Copner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Zinc Deposit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73  | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Meta Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>356A  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware. Conner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Enerineers, Inc., Chicago, Ill., *Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., *New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z nc Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73  | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>356A<br>72  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware Copner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., *Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., *New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., *The Hydro-  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A  | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z. Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Haeue and Co. Inc., Alfred, Brooklyn, N. Y. Rubber and Bitumen   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73  | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton. Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic, N. J., "New Finishing Wheel Manhattan Rubber Mfg. Div. of Passaic, N. J., "New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>356A<br>72<br>490   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds.  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curran Corp., Malden, Mass., "The Hydro- Degreaser  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z no Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y.   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73  | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Meta Cleaner Madisson-Kipp Corp., Madison, Wisc., *Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passate N. J., *New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., *Compensated Belt in Two New Styles   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>356A<br>72<br>490   |
| Unmarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device. Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Enewineers, Inc., Chicago, Ill., *Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., *New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., *The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., *New Plating Machine   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z inc. Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kala- mazoo, Mich., "Automatic Rotary Polisher  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton. Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic, N. J., "New Finishing Wheel Manhattan Rubber Mfg. Div. of Passaic, N. J., "New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>356A<br>72<br>490   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware. Conner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., *Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., *New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., *The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., *New Plating Machine Dockson Co., C. H., Detroit, Mich., *Mag- nesium Alloy Googles   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees. Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z. Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Haeue and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kala mazoo, Mich., "Automatic Rotary Polisher and Duffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., New Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic, N. J., "New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., "Compensated Belt in Two New Styles Mann Instrument Corp., Cambridge, Mass. Soldering Flux   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>316<br>489<br>315<br>489   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg. Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds.  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curran Corp., Malden, Mass., "The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., "New Plating Machine Dockson Co., C. H., Detroit, Mich., "Mag- nesium Alloy Govgles Detroit Electric Furnace Co., Detroit, Mich., "New High Temperature Electric Furnace Portoit Electric Furnace Co., Detroit, Mich., "New High Temperature Electric Furnace   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z to Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemical Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 195th Street, Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kyla- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den- tist's Electroforming Machine.  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Meta Cleaner Madisson-Kipp Corp., Madison, Wisc., *Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passate N. J., *New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan Rubber | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>356A<br>72<br>490<br>489<br>315<br>270  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg. Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Engineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curran Corp., Malden, Mass., "The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., "New Plating Machine Dockson Co., C. H., Detroit, Mich., "Mag- nesium Alloy Gorgles Detroit Electric Furnace Co., Detroit, Mich., "New High Temperature Electric Furnace Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451   | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z. of Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Haue and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kalamazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Handy & Harman, New York, New Temperature Brasine Alloy Sizes  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490                                   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., New Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic N. J., "New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., "Compensated Belt in Two New Styles Mann Instrument Corp., Cambridge, Mass. Coatings for Metals Mann Instrument Corp., Cambridge, Mass. Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metalkote, Inc., 103 Park Avenue, New York   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>356A<br>72<br>490<br>489<br>315<br>270<br>316<br>317<br>317<br>318<br>318<br>318<br>318<br>318<br>318<br>318<br>318   |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg. Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Energineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., "The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., "New Plating Machine Dockson Co., C. H., Detroit, Mich., "Mag- nesium Alloy Gorgles Detroit Electric Furnace Co., Detroit, Mich., "New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., Resistor   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451<br>190<br>491<br>400                            | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z ne Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Haumond Machinery Builders, Inc. Kala- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den tist's Electroforming Machine Handy & Harman, New York, New 1-w Temperature Revaire Alloy Sizes Hanson Van Winkle-Munning Company Matawan N. I. Bright Zine Plating  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490                                   | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., "Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic N. J., "New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., "Compensated Belt in Two New Styles Mann Instrument Corp., Cambridge, Mass. Coatings for Metals Mann Instrument Corp., Cambridge, Mass. Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metallicoat Syndicate, L. I. City, N. Y.  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>2356A<br>72<br>489<br>315<br>270<br>316<br>316<br>317<br>318  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., "The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., "New Plating Machine Dockson Co., C. H., Detroit, Mich., "Mag- nesium Allov Googles Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Company, 825 W. Elizabeth Street, Detroit, Mich., Resistor Type Rocking Electric Furnace Detroit Rex Products Co., Detroit, Mich., Type Rocking Electric Furnace Detroit Rex Products Co., Detroit, Mich., Type Rocking Electric Furnace Detroit Rex Products Co., Detroit, Mich.,  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451<br>190<br>491<br>400<br>400<br>70               | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z inc. Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kala- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variable Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den tist's Electroforming Machine Hanson Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Jane Parish Michellographic Polisher Matawan, N. J., "Metallographic Polisher Matawan, N. J., "Metallographic Polisher Matawan, N. J., "Metallographic Polisher  | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490<br>28                             | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., *Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic N. J., *New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Mann Instrument Corp., Cambridge, Mass. Coatings for Metals Mann Instrument Corp., Cambridge, Mass. Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metalkote, Inc., 103 Park Avenue, New York New Metal Coating Metallurgical Products Co., Philadelphia, Pa.   | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>315<br>490<br>489<br>315<br>270<br>316<br>489<br>319<br>450  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware. Copner Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Envineers, Inc., Chicago, Ill., *Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., *New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Curvan Corp., Malden, Mass., *The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., *New Plating Machine Dockson Co., C. H., Detroit, Mich., *Mag- nesium Allov Googles Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Company, 825 W. Elizabeth Street, Detroit, Mich., Resistor Type Rocking Electric Furnace  | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451<br>190<br>491<br>400<br>400<br>70<br>449        | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Resisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z ne Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Haumond Machinery Builders, Inc. Kala- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den tist's Electroforming Machine Handy & Harman, New York, New 1-w Temperature Revaine Aloy Sizes Hanson Van Winkle-Munning Company Matawan N. J., "Metallographic Polisher Hanson Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson Van Winkle-Munning Company   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490<br>28                     | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Loewenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., *Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic, N. J., *New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., *Compensated Belt in Two New Styles Mann Instrument Corp., Cambridge, Mass. Coatings for Metals Mann Instrument Corp., Cambridge, Mass. Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metalkote, Inc., 103 Park Avenue, New York New Metal Coating Metallicoat Syndicate, L. I. City, N. Y. *Solder Spray Gun Metallurgical Products Co., Philadelphia, Pa. Electric Hand Magnet Metalwash Machinery Co., Newark, N. J.  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>3156A<br>72<br>489<br>315<br>270<br>316<br>489<br>315<br>490<br>489<br>315<br>490<br>489<br>315<br>490<br>489<br>316<br>490<br>490<br>490<br>490<br>490<br>490<br>490<br>490 |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device. Burns Mfg. Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware., Copper Products Inc., 4503 Euclid Ave., Cleveland, Ohio, Chromizing Continental Industrial Enezineers, Inc., Chicago, Ill., "Automatic Electric Salt Bath Installation Crown Rheostat & Supply Co., Chicago, Ill., "New Chromium Plating Anode Curran Corp., Somerville, Mass., New Solvent Emulsion Cuvran Corp., Malden, Mass., "The Hydro- Degreaser  D  Daniels Plating Machine Company, Newark, N. J., "New Plating Machine Dockson Co., C. H., Detroit, Mich., "New High Temperature Electric Furnace Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Rex Products Co., Detroit, Mich., "Convevorized, Three-Dip Detrex Degreaser Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine   | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451<br>190<br>491<br>400<br>400<br>70<br>449<br>354 | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Zinc Deposit Grasselli Chemical Co., Cleveland, Ohio, Bright Zinc Deposit Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland. Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Pitsburgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kila- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den tist's Electroforming Machine Hannon Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson Van Winkle-Munning Company Matawan, N. J., "Bright Zinc Plating Hanson Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson-Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Hanson-Van Winkle-Munning Company Matawan, N. J., "Metallographic Polisher Line of Buffing Composition H. B. Instrument Co., Inc., Philadelphia, Pa.   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490<br>28<br>71               | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. F., 4521 Ogden Ave., Chicago, Ill., *Tumbling and Burnishing Barrels Lowenberg, F., New York City, Heat Resisting Lacquer for Aluminum Ware Longoria, Dr. Anton, Yoder Co., Cleveland, Ohio, "Invisible Ray" Welding  M  Maas & Waldstein Co., Newark, N. J., New Enamel Finish for Die Castings Maas and Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., New Enamels to Protect Iron and Steel from Corrosion Maas & Waldstein Co., Newark, N. J., Paper Lacquer MacDermid Inc., Waterbury, Conn., Metal Cleaner Madison-Kipp Corp., Madison, Wisc., *Large Automatic Die Casting Machine Mallory and Company Inc., P. R., Indian apolis, Ind., Copper Base Alloy Manhattan Rubber Mfg. Div. of Passaic N. J., *New Finishing Wheel Manhattan Rubber Mfg. Division, Raybestos Manhattan Rubber Mfg. Division, Raybestos Manhattan Rubber Mfg. Division, Raybestos Manhattan, Inc., Passaic, N. J., *Compensated Belt in Two New Styles Mann Instrument Corp., Cambridge, Mass. Coatings for Metals Mann Instrument Corp., Cambridge, Mass. Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metalkote, Inc., 103 Park Avenue, New York New Metal Coating Metallurgical Products Co., Philadelphia, Pa. Electric Hand Magnet  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>312<br>2 356A<br>72<br>489<br>315<br>270<br>316<br>194<br>450<br>318<br>318  |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., "Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., "Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., "Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff. J. 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H., Detroit, Mich., "Mag- nesium Allow Googles Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Electric Furnace Co., Detroit, Mich., New Plastic Refractories Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine Detroit Rex Products Co., Detroit, Mich., Solvent Degreasing Machine | 489<br>406<br>445<br>400<br>74<br>149<br>451<br>271<br>233<br>447<br>489<br>356A<br>451<br>190<br>490<br>400<br>70<br>449<br>354        | Slide Rule Glyco Products Co., Inc., 148 Lafayette St., N. Y., Trigamine Goodrich Co., B. F., Akron, Ohio, "Koroseal Tanl- Linings Goodrich Company, B. F., Akron, Ohio, "Use of Korolac as a Protective Coating on Electroplating Racks Goodrich Co., B. F., Akron, Ohio, "World's Largest Vulcanizer Gorman & Lees, Inc., New York, Acid Re- sisting Floor Grapho Products Inc., Indianapolis, Ind., Copper Plate Solution Grapho Products Inc., Indianapolis, Ind., Joint Breaker Grasselli Chemical Co., Cleveland, Ohio, Bright Z inc. Denosit Grasselli Chemical Co., Cleveland, Ohio, Plating Solution Control Grasselli Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del. Bright Zinc Deposit Gross Engineering Corporation, 2163 W. 105th Street. Cleveland, Ohio, World's Largest Plating Tank  H  Hackett Brass Foundry, Detroit, Mich., New Copper Alloy Hagan Corp., Ptt-burgh, Pa., Centrifugal Air Separator Hague and Co. Inc., Alfred, Brooklyn, N. Y., Rubber and Bitumen Hammond Machinery Builders, Inc. Kala- mazoo, Mich., "Automatic Rotary Polisher and Puffer Hammond Machinery Builders, Ka'amazoo, Mich., "Variab'e Speed Lathe Hanau Engineering Co., Buffalo, N. Y., "Den tist's Electroforming Machine Handy & Harman, New York, New In- Temperature Brazine Alloy Sizes Hanson Van Winkle-Munning Company Matawan N. J., "Metallographic Polisher Hanson-Van Winkle-Munning Company Matawan N. J., "Bright Zine Plating Hanson-Van Winkle-Munning Company Matawan N. J., "Metallographic Polisher Hanson-Van Winkle-Munning Composition H. B. Instrument Co., Inc., Philadelphia, Pa. "Capstan Head Thermometer Hellige, Inc., L. I. City, N. Y., Photo   | 234<br>236<br>493<br>26<br>400<br>495<br>356A<br>233<br>355<br>494<br>73<br>401<br>315<br>356<br>194<br>147<br>406<br>490<br>28<br>71<br>488<br>491         | Lea Mfg. Co., Waterbury, Conn., The Lea String Brush Leiman Bros, Inc., Newark, N. J., *Dust Collector L'Hommedieu & Sons Có., Chas. F., Chicago, Ill., *Midget Plating Barrel L'Hommedieu and Sons. Chas. 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Soldering Flux Masury and Son, John W., Brooklyn, N. Y. Rust Inhibitive Primer Metalkote, Inc., 103 Park Avenue, New York New Metal Coating Metallicoat Syndicate, L. I. City, N. Y., *Solder Spray Gun Metallurgical Products Co., Philadelphia, Pa., Electric Hand Magnet Metalwash Machinery Co., Newark, N. J., *Midget Metal Cleaning Machine Midwest Buff Mfg. Co., Cleveland, Ohio *Mirror Buff  | 404<br>402<br>270<br>233<br>271<br>355<br>311<br>355<br>493<br>315<br>493<br>315<br>490<br>489<br>315<br>270<br>316<br>493<br>317<br>493<br>318<br>493<br>319<br>493<br>493<br>493<br>493<br>493<br>493<br>493<br>49                        |
| Ummarred by Drawing Operation Bullard Co., Bridgeport: Conn., *Full Automatic Station Type Descaling Machine Burgess Laboratories Inc., C. F., Freeport, Ill., *Novel Safety Device Burns Mfg Corp., E. Reed, Brooklyn, N. Y., Testing Buffing Compounds  C  Champion Spark Plug Co., Detroit, Mich., New Plastic Refractories Chemical Publishing Company, 175 5th Avenue, New York, Laboratory Mixer Chicago Vitreous Enamel Product Company, 1407 S. 55th Court, Cicero, Ill., *Modern Porcelain Enamel Laboratory Circo Products Co., Cleveland, Ohio, Tin Plating Machine Cleff, J. W., Dusseldorf, Germany, Heat Resisting Lacquer for Aluminum Ware. 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| N. J. Zinc Co., New York City, Protective<br>Coating for Zinc<br>National Separator Co., Worcester, Mass.,<br>*Oil Extractor<br>Nelson and Son, J., 830 N. Wells Street,<br>Chicago, Ill., New Cathode Rod<br>Nickel and Chromium Products Company, 250<br>Park Avenue, New York, Bright Nickel and   | 273<br>404<br>71   | shohocken, Pa., New Polymerized Wax Sulphur Bases for Metal Cutting Oils Quaker Chemical Products Corporation, Conshohocken, Pa., Removal of Buffing and Polishing Compounds Quigley Co., N. Y. C., Improvements in Refractory Quigley Co., N. Y. C., Improvements in Refractories   | 312<br>190<br>402<br>399               | Supparr Products Co., Greensburg, Pa., Improved Liquid Sulphur Superior Flake Graphite Company, 33 S. Clark Street, Chicago, Ill., Foundry Supply House Uses Novel Sales Stimulation. Surface Combustion Corp., N. Y., Furnace for Porcelain Enameling  | 148<br>450  |
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